

## **AMENDMENT TO THE CLAIMS:**

### CLAIMS

Claims 1-8 (Cancelled)

9. (New) A session initiating method that is applied to a computer system equipped with a graphical user interface, the session initiating method comprising:

specifying an icon image corresponding to a user;

determining whether start information necessary for initiating a session that is predetermined is embedded in the icon image;

extracting the start information from the icon image based on an algorithm that is unique to the user when it is determined that the start information is embedded in the icon image at the determining;

setting-up the session;

inputting the start information extracted at the extracting during the session set up at the setting-up;

verifying whether the start information input at the inputting satisfies a condition for initiating the session; and

controlling the session based on a result of the verifying, wherein,

when it is verified that the start information satisfies the condition, the controlling includes initiating the session, and

when it is not verified that the start information satisfies the condition, the controlling includes aborting the session.

10. (New) The session initiating method according to claim 9, wherein the start information includes an identification and a password of the user.

11. (New) A computer readable recording medium that stores a computer program for initiating a session that is applied to a computer system equipped with a graphical user interface, the computer program making a computer execute:

specifying an icon image corresponding to a user;

determining whether start information necessary for initiating a session that is predetermined is embedded in the icon image;

extracting the start information from the icon image based on an algorithm that is unique to the user when it is determined that the start information is embedded in the icon image at the determining;

setting-up the session;

inputting, during the session set up at the setting up, the start information extracted at the extracting;

verifying whether the start information input at the inputting satisfies a condition for initiating the session; and

controlling the session based on a result of the verifying, wherein,

when it is verified that the start information satisfies the condition, the controlling includes initiating the session, and

when it is not verified that the start information satisfies the condition, the controlling

includes aborting the session.

12. (New) The computer readable recording medium according to claim 11, wherein the start information includes an identification and a password of the user.

13. (New) An icon-image creating apparatus that creates an icon image to initiate a session, the icon-image creating apparatus comprising:

- an image-information inputting unit that inputs icon image information corresponding to a user;

- a user-information inputting unit that inputs user information of the user;

- an area detecting unit that detects a first area based on a structure of the icon image information, the first area for embedding additional information without altering the icon image;

- an area determining unit that determines a second area, based on an algorithm that is unique to the user, from among the first areas detected, the second area for embedding the user information;

- an information embedding unit that embeds the user information in the second area determined; and

- an icon-image outputting unit that outputs the icon image with the user information embedded.

14. (New) The icon-image creating apparatus according to claim 13, wherein the user information includes an identification and a password of the user necessary for initiating the

session.

15. (New) A computer readable recording medium that stores a computer program for creating an icon-image to initiate a session, the computer program making a computer execute:

inputting icon image information corresponding to a user;

inputting user information of the user;

detecting a first area based on a structure of the icon image information, the first area for embedding additional information without altering the icon image;

determining a second area, based on an algorithm that is unique to the user, from among the first areas detected, the second area for embedding the user information;

embedding the user information in the second area determined; and

outputting the icon image with the user information embedded.

16. (New) The computer readable recording medium according to claim 15, wherein the user information includes an identification and a password of the user necessary for initiating the session.